

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fabrice Pardo et al.

Serial No.: 10/521,879

Filing Date: January 21, 2005

Title: "MSM-TYPE PHOTODETECTION DEVICE WITH RESONANT CAVITY COMPRISING A MIRROR WITH METAL ELECTRODE GRATING"

Docket No.: 37392

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Va. 22313-1450

Sir/Madam:

In accordance with Rule 56, applicants are aware of the publications listed in the International Search Report (copy enclosed) and in the enclosed copy of Patent Office Form 1449. A copy of each of the publications is enclosed herewith.

If there are any fees required by this communication, please charge such fees to our Deposit Account No. 16-0820, Order No. 37392.

Respectfully submitted,  
PEARNE & GORDON LLP

By:

Jeffrey J. Sopko, Reg. No. 27676

1801 East 9th Street  
Suite 1200  
Cleveland, Ohio 44114-3108  
(216) 579-1700  
February 18, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Jeffrey J. Sopko  
Name of Attorney for Applicant(s)

February 18, 2005  
Date Signature of Attorney

INFORMATION DISCLOSURE CITATION  
BY APPLICANT  
(USE SEVERAL SHEETS IF NECESSARY)APPLICANT:  
Fabrice Pardo et al.FILING DATE:  
January 21, 2005

GROUP ART UNIT:

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	A	5,227,648	07/1993	Woo			
	B	5,663,639	09/1997	Brown et al.			
	C						
	D						
	E						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	F	0 651 448 A1	03/1995	European			Corresponds to U.S. Patent No.: 5,512,763
	G	2 803 950	07/2001	France			Corresponds to U.S. Publication No.: 2003/010979
	H						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

I	Katsumi Kishino et al., "Resonant Cavity-Enhanced (RCE) Photodetectors, August 8, 2001, pages 2025 - 2034,
J	Wolfgang Kowalsky et al., "High Bandwidth Metal-Semiconductor-Metal Photodiodes with Integrated Fabry-Perot Resonator for WDM Receivers", August 1992, Pages 214 - 216
K	A. Strittmatter et al., "High-Speed, High Efficiency Resonant-Cavity Enhanced InGaAs MSM Photodetectors", Pages 1231- 1232
L	A. Strittmatter et al., "High-Frequency , Long-Wavelength Resonant-Cavity-Enhanced InGaAs MSM Photodetectors", September 15, 1996, Pages 145 - 148

Examiner:

Date Considered

\*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.